

4.2.A. 08010205010.

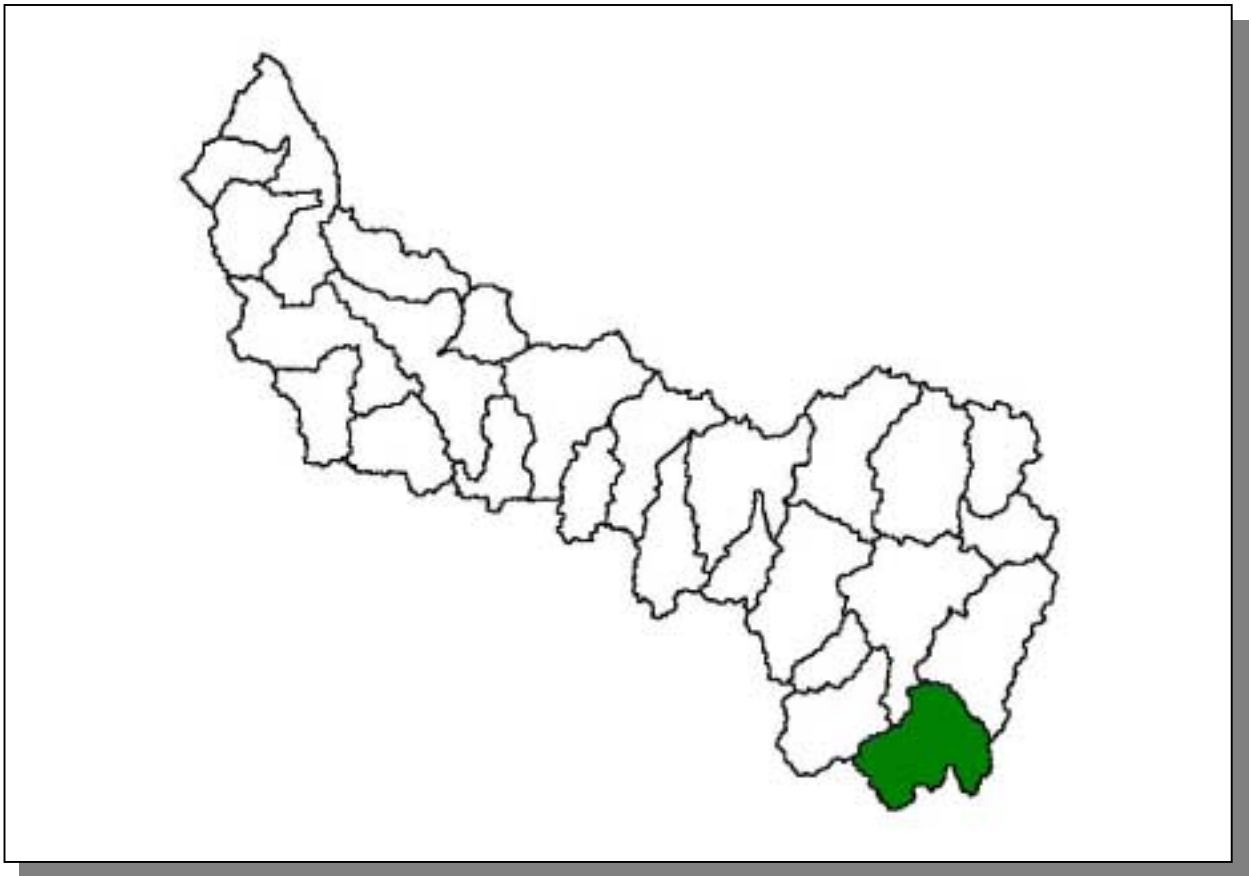


Figure 4-2. Location of Subwatershed 08010205010. All South Fork Forked Deer HUC-14 subwatershed boundaries are shown for reference.

4.2.A.i. General Description.

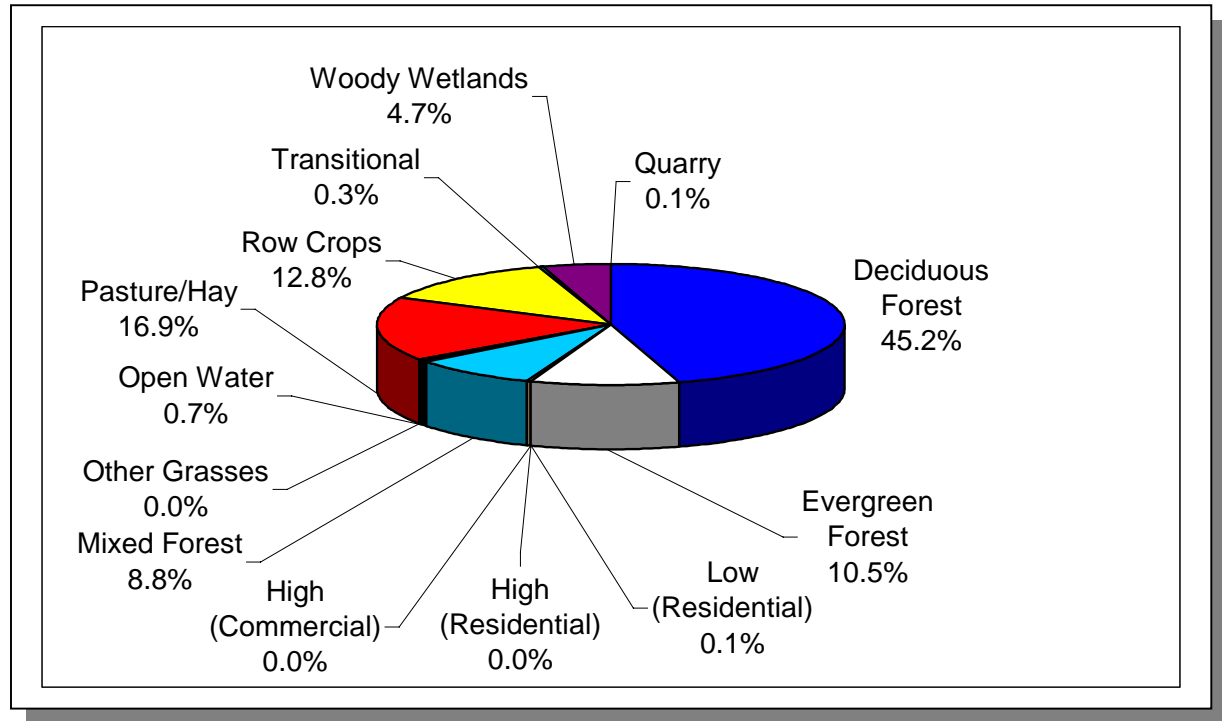


Figure 4-3. Land Use Distribution in Subwatershed 08010205010. More information is provided in SFFD-Appendix IV.

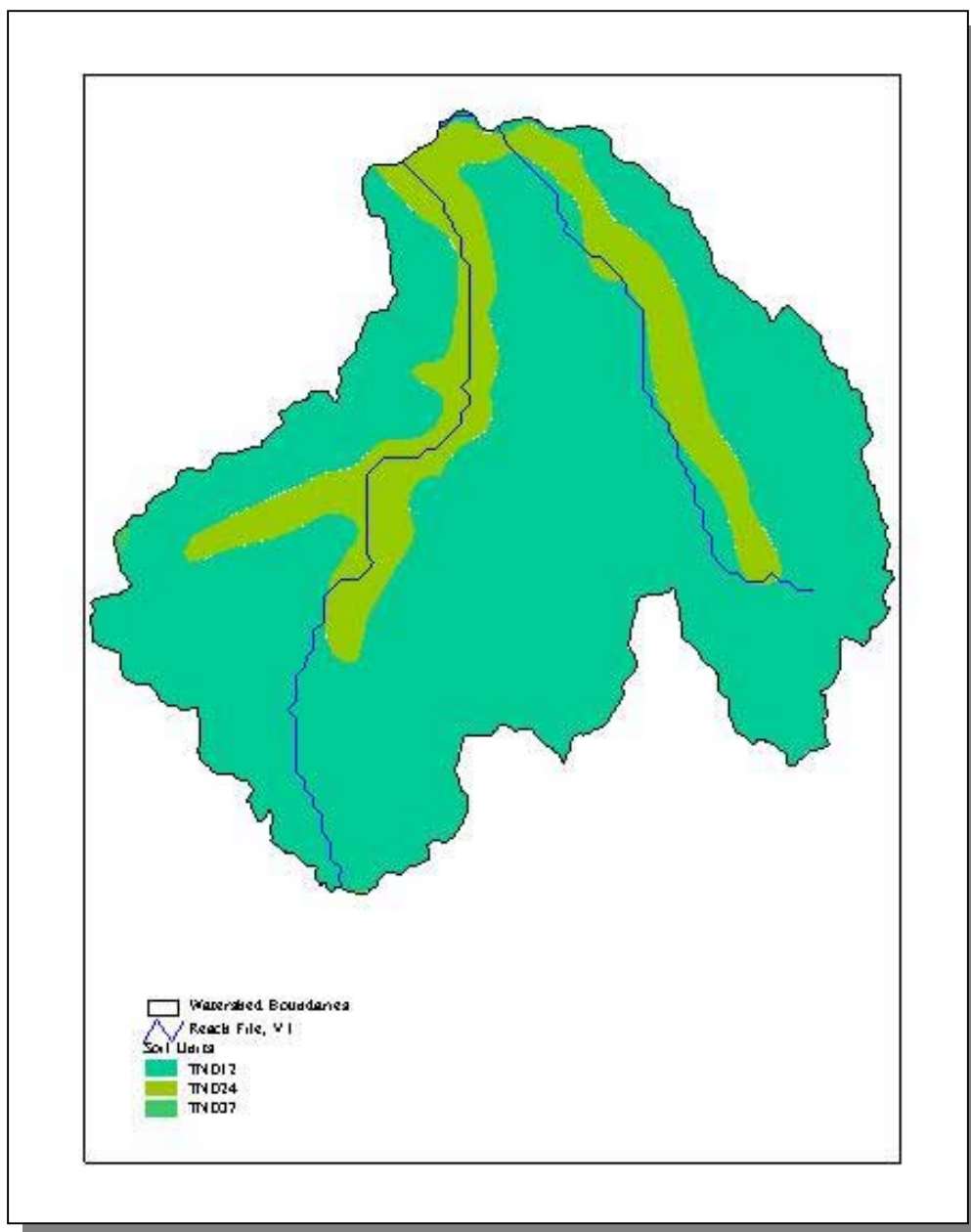


Figure 4-4. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 08010205010.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN012	1.00	C	2.52	5.13	Silty Loam	0.39
TN024	61.00	D	2.18	5.35	Loam	0.29
TN037	0.00	C	3.51	4.86	Sandy Loam	0.27

Table 4-2. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 08010205010. More details are provided in SFFD-Appendix IV.

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Chester	12,819	14,469	1.66	213	241	13.1
McNairy	22,422	23,678	7.94	1,779	1,879	5.6
Totals	35,241	38,147		1,992	2,120	6.4

Table 4-3. Population Estimates in Subwatershed 08010205010.

			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Finger	McNairy	273	119	2	115	2

Table 4-4. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 08010205010.

4.2.A.ii Point Source Contributions.



Figure 4-5. Location of ARAP Sites (Individual Permits) in Subwatershed 08010205010.
More information is provided in SFFD-Appendix IV.

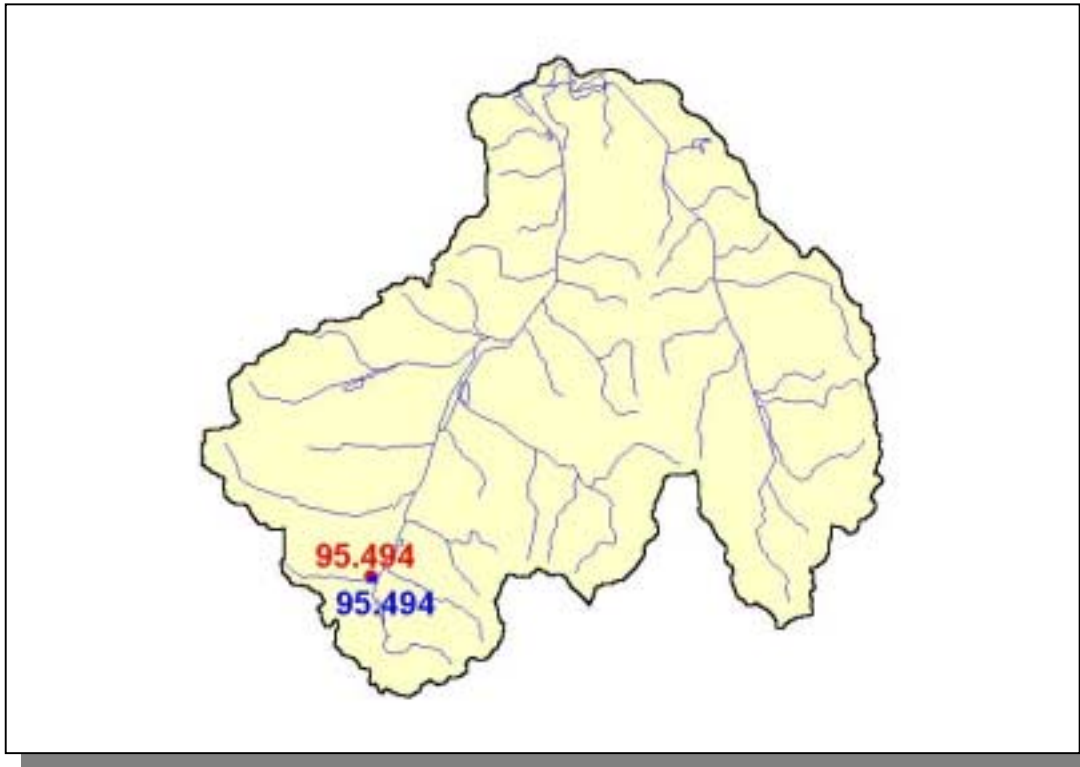


Figure 4-6. Location of Wetland Impact and Mitigation Sites in Subwatershed 08010205010. Impact (Blue Triangle) and mitigation (Red Circle) sites are from ARAP database. More information is provided in SFFD-Appendix IV.

4.2.A.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)					
Beef Cow	Milk Cow	Cattle	Chickens	Hogs	Sheep
1,041	<5	2,043	<5	2,108	18

Table 4-5. Summary of Livestock Count Estimates in Subwatershed 08010205010. According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Chester	99.4	99.4	0.3	1.3
Madison	140.7	140.7	2.4	11.5
Totals	240.1	240.1	2.7	12.8

Table 4-6. Forest Acreage and Annual Removal Rates (1987-1994) in Subwatershed 08010205010.

CROP	TONS/ACRE/YEAR
Corn (Row Crops)	10.93
Soybeans (Row Crops)	9.41
Cotton (Row Crops)	6.83
Legume Grass (Hayland)	0.08
Grass (Pastureland)	0.53
Grass, Forbs, Legumes (Mixed Pasture)	0.57
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.10
Conservation Reserve Program Land	0.30
Wheat (Close Grown Cropland)	2.76
Grass (Hayland)	0.08
Other Cropland not Planted	2.07
Other Vegetable and Truck Crop	28.15
Sorghum (Row Crops)	3.62
Legume (Hayland)	0.12

Table 4-7. Annual Estimated Total Soil Loss in Subwatershed 08010205010.